



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

## SAFETY DATA SHEET

# Gasolía (MGO, DMA)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

▼ <i>Trade name:</i>	Gasolía (MGO, DMA)
▼ <i>Other names / Synonyms:</i>	Gas oil (MGO, DMA)

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

<i>Relevant identified uses of the substance or mixture:</i>	Fuel Restricted to professional users.
<i>Uses advised against :</i>	None known.

#### 1.3. Details of the supplier of the safety data sheet

<i>Company and address:</i>	<b>Olís ehf.</b> Skútuvogur 5 104 Reykjavík Ísland Tel: +354 5151000 <a href="https://www.olis.is/">https://www.olis.is/</a>
<i>Contact person:</i>	Magdalena Stefaniak Viðarsson
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<i>Revision:</i>	16/01/2024
<i>SDS Version:</i>	4.0
<i>Date of previous version:</i>	10/01/2024 (3.0)

#### 1.4. Emergency telephone number

Emergency Line: Phone 112.  
Poison Center Landspítali University hospital, Phone: 543 22 22.  
See item 4: First aid measures.

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP).

#### 2.1. ▼ Classification of the substance or mixture

Flam. Liq. 3; H226, Flammable liquid and vapour.  
Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.  
Skin Irrit. 2; H315, Causes skin irritation.  
Acute Tox. 4; H332, Harmful if inhaled.  
Carc. 1B; H350, May cause cancer.  
STOT RE 2; H373, May cause damage to organs through prolonged or repeated exposure.  
Aquatic Chronic 1; H410, Very toxic to aquatic life with long lasting effects.

## 2.2. Label elements

*Hazard pictogram(s):*



*Signal word:*

Danger

*Hazard statement(s):*

Flammable liquid and vapour. (H226)  
May be fatal if swallowed and enters airways. (H304)  
Causes skin irritation. (H315)  
Harmful if inhaled. (H332)  
May cause cancer. (H350)  
May cause damage to organs through prolonged or repeated exposure. (H373)  
Very toxic to aquatic life with long lasting effects. (H410)

*Precautionary statement(s):*

*General:*

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*Prevention:*

Obtain special instructions before use. (P201)  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Do not breathe vapour/mist. (P260)  
Avoid release to the environment. (P273)  
Wear eye protection/protective gloves/protective clothing. (P280)

*Response:*

IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310)  
Do NOT induce vomiting. (P331)

*Storage:*

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▼ *Disposal:*

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*Hazardous substances:*

Gas oils (petroleum), thermal-cracked, hydrodesulfurized;Cracked gasoil Distillates (petroleum), hydrodesulfurized light catalytic cracked;Cracked gasoil;[A complex combination of hydrocarbons obtained by treating light catalytic cracked distillates with hydrogen to convert organic sulfur to hydrogen sulfide which is removed. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C25 and boiling in the range of approximately 150 °C to 400 °C (302 °F to 752 °F). It contains a relatively large proportion of bicyclic aromatic hydrocarbons.]

*Additional labelling:*

Restricted to professional users.

## 2.3. Other hazards

*Additional warnings:*

This mixture/product does not contain any

substances known to fulfil the criteria for PBT and vPvB classification.  
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

Not applicable. This product is a mixture.

#### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]	CAS No.: 68334-30-5 EC No.: 269-822-7 REACH: 01-2119484664-27-XXXX Index No.: 649-224-00-6	50-60%	Carc. 2, H351	[14], [19]
Gas oils (petroleum), thermal-cracked, hydrodesulfurized;Cracked gasoil	CAS No.: 92045-29-9 EC No.: 295-411-7 REACH: 01-2119475512-39-XXXX Index No.: 649-444-00-2	20-30%	Carc. 1B, H350	
Distillates (petroleum), hydrodesulfurized light catalytic cracked;Cracked gasoil;[A complex combination of hydrocarbons obtained by treating light catalytic cracked distillates with hydrogen to convert organic sulfur to hydrogen sulfide which is	CAS No.: 68333-25-5 EC No.: 269-781-5 REACH: 01-2119485816-23-XXXX Index No.: 649-439-00-5	10-40%	Carc. 1B, H350	[19]

<p>removed. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C25 and boiling in the range of approximately 150 °C to 400 °C (302 °F to 752 °F). It contains a relatively large proportion of bicyclic aromatic hydrocarbons.]</p>				
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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### ▼ Other information

[14] The classification as a carcinogen will not be taken into account as the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen (CLP, Annex VI, note N).

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials  
0,10% sulphur

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

*General information:*

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

*Inhalation:*

Upon breathing difficulties or irritation of the respiratory tract: Bring the injured person into fresh air. Make sure the injured person is continuously monitored. Prevent shock by keeping the injured person warm and calm. If breathing ceases, give mouth-to-mouth resuscitation. If unconscious, roll the injured person into recovery position. Call an ambulance.

*Skin contact:*

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin

<i>Eye contact:</i>	cleanser can be used. DO NOT use solvents or thinners. If skin irritation occurs: Get medical advice/attention.  If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.
<i>Ingestion:</i>	IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.
<i>Burns:</i>	Rinse with water until pain stops then continue to rinse for 30 minutes.

#### 4.2. Most important symptoms and effects, both acute and delayed

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.

#### 4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:  
Get immediate medical advice/attention.

#### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.  
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

#### 5.2. Special hazards arising from the substance or mixture

Flammable liquid and vapour.  
In use may form flammable/explosive vapour-air mixture.  
Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Avoid inhalation of vapours from spilled material.

Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

### 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. ▼ Precautions for safe handling

Ground and bond container and receiving equipment.

Use explosion-proof [electrical/lighting/ventilating] equipment.

Use non-sparking tools.

Take action to prevent static discharges.

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Avoid direct contact with the product.

Avoid contact during pregnancy and while nursing.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

A safety shower should be available. A workplace assessment must be conducted to ensure that employees are not exposed to

effects that may involve a risk during pregnancy or when breastfeeding. Wash hands before breaks, before using restroom

facilities, and at the end of work. Use suitable warning and safety signs to outline areas with a risk of exposure to carcinogenic

substances or substances with a reproductive hazard including a no-smoking sign. No smoking, eating or drinking in the work

room. Private clothes and work clothes/personal protective equipment must be kept separately in its own locker. Do not bring

special work clothes into eating rooms or the like. There must be access to running water and an eye rinsing agent. There must

be washing possibilities in or close to the work room. Work under effective process ventilation

(e.g. local exhaust ventilation).

Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment. Smoking and naked flames prohibited. Avoid heating and contact with ignition sources. Running water and eye wash equipment must be available

A safety shower should be available. A workplace assessment must be conducted to ensure that employees are not exposed to effects that may involve a risk during pregnancy or when breastfeeding. Wash hands before breaks, before using restroom facilities, and at the end of work. Use suitable warning and safety signs to outline areas with a risk of exposure to carcinogenic substances or substances with a reproductive hazard including a no-smoking sign. No smoking, eating or drinking in the work room. Private clothes and work clothes/personal protective equipment must be kept separately in its own locker. Do not bring special work clothes into eating rooms or the like. There must be access to running water and an eye rinsing agent. There must be washing possibilities in or close to the work room. Work under effective process ventilation (e.g. local exhaust ventilation). Take precautionary measures against static discharges. Use spark-free tools and explosion proof equipment. Smoking and naked flames prohibited. Avoid heating and contact with ignition sources. Running water and eye wash equipment must be available.

## 7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Take action to prevent static discharges.

Must be stored in a cool and well-ventilated area, away from possible sources of ignition. Store safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Keep in tightly closed original packaging. Store in a well-ventilated area. Do not store with the following: Strong oxidisers. Use closed, clearly labelled and if possible sealed containers when storing carcinogenic chemicals or substances with a reproductive hazard.

*Recommended storage material:* Keep only in original packaging.

*Storage temperature:* Dry, cool and well ventilated

*Incompatible materials:* Strong oxidizing agents

## 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

#### DNEL

Distillates (petroleum), hydrosulfurized light catalytic cracked;Cracked gasoil;[A complex combination of hydrocarbons obtained by treating light catalytic cracked distillates with hydrogen to convert organic sulfur to hydrogen sulfide which is removed. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C25 and boiling in the range of approximately 150 °C to 400 °C (302 °F to 752 °F). It contains a relatively large proportion of bicyclic aromatic hydrocarbons.]



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Systemic effects - Workers	Dermal	2.42 mg/kg bw/day
Long term – Systemic effects - Workers	Inhalation	27.34 mg/m <sup>3</sup>
Short term – Systemic effects - Workers	Inhalation	2229.76 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	1.04 mg/kg bw/day

Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Systemic effects - General population	Dermal	1.25 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	2.91 mg/kg bw/day
Short term – Systemic effects - General population	Dermal	5.55 mg/kg bw/day
Short term – Systemic effects - Workers	Dermal	11.11 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	20.22 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	68.34 mg/m <sup>3</sup>
Short term – Systemic effects - General population	Inhalation	2572.8 mg/m <sup>3</sup>
Short term – Systemic effects - Workers	Inhalation	102.7 ng/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	1.25 mg/kg bw/day

Gas oils (petroleum), thermal-cracked, hydrodesulfurized;Cracked gasoil

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Systemic effects - Workers	Dermal	2.42 mg/kg bw/day
Long term – Systemic effects - Workers	Inhalation	27.34 mg/m <sup>3</sup>
Short term – Systemic effects - Workers	Inhalation	2229.76 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	1.04 mg/kg bw/day

## PNEC

Distillates (petroleum), hydrodesulfurized light catalytic cracked;Cracked gasoil;[A complex combination of hydrocarbons obtained by treating light catalytic cracked distillates with hydrogen to convert organic sulfur to hydrogen sulfide which is removed. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C25 and boiling in the range of approximately 150 °C to 400 °C (302 °F to 752 °F). It contains a relatively large proportion of bicyclic aromatic hydrocarbons.]

<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Predators		17 g/kg



Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,083 mg/L
Freshwater		21 µg/L

Gas oils (petroleum), thermal-cracked, hydrodesulfurized;Cracked gasoil

Route of exposure:	Duration of Exposure:	PNEC:
Predators		17 g/kg

## 8.2. Exposure controls

Apply general control to prevent unnecessary exposure

*General recommendations:*

Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*

There are no exposure scenarios implemented for this product.

*Exposure limits:*

Occupational exposure limits have not been defined for the substances in this product.

*Appropriate technical measures:*

Do not recirculate outlet air that contain the substances.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:*

Take off contaminated clothing and wash it before reuse.

*Measures to avoid environmental exposure:*



Keep damming materials near the workplace. If possible, collect spillage during work.

## Individual protection measures, such as personal protective equipment


*Generally:*

Use only CE marked protective equipment.


*Respiratory Equipment:*

Work situation	Type	Class	Colour	Standards	
In the event of short termed exposure or low concentrations	Respiratory protection is not needed in the event of adequate ventilation.				
In the event of prolonged exposure or high concentrations	Full mask			EN136	
	A	Class 2 (medium capacity)	Brown	EN14387	


*Skin protection:*

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

*Hand protection:*

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile/para-amide	1,7	> 120	EN374-2, EN374-3, EN388	

*Eye protection:*

Type	Standards	
Safety glasses with side shields.	EN166	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<i>Physical state:</i>	Liquid
<i>Colour:</i>	Brown
<i>Odour / Odour threshold:</i>	Petrol/diesel
<i>pH:</i>	Not applicable
<i>Density (g/cm<sup>3</sup>):</i>	-
<i>Relative density:</i>	0.8-1.0 (20 °C)
<i>Kinematic viscosity:</i>	1.3 mm <sup>2</sup> /s (40 °C)
<i>Particle characteristics:</i>	Does not apply to liquids.

#### Phase changes

<i>Melting point/Freezing point (°C):</i>	-40 - 6
<i>Softening point/range (waxes and pastes) (°C):</i>	Does not apply to liquids.
<i>Boiling point (°C):</i>	141-500
<i>Vapour pressure:</i>	0.4 kPa
<i>Relative vapour density:</i>	Testing not relevant or not possible due to the nature of the product.
<i>Decomposition temperature (°C):</i>	Testing not relevant or not possible due to the nature of the product.

#### Data on fire and explosion hazards

<i>Flash point (°C):</i>	65
<i>Flammability (°C):</i>	The material is ignitable.
<i>Auto-ignition temperature (°C):</i>	>225



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

*Lower and upper explosion limit (% v/v):*

Testing not relevant or not possible due to the nature of the product.

## Solubility

*Solubility in water:*

Immiscible

*n-octanol/water coefficient (LogKow):*

Testing not relevant or not possible due to the nature of the product.

*Solubility in fat (g/L):*

Testing not relevant or not possible due to the nature of the product.

## 9.2. Other information

*Other physical and chemical parameters:*

No data available.

*Oxidizing properties:*

Testing not relevant or not possible due to the nature of the product.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

Reacts with the following: Strong oxidisers.

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

None known.

Product vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

### 10.4. Conditions to avoid

Heat

Mechanical influences (e.g. Shock, pressure, impact, friction). Fire, sparks or other ignition sources.

Avoid heating and contact with ignition sources.

### 10.5. Incompatible materials

Strong oxidizing agents

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

Can generate harmful flue gases containing carbon monoxide in the event of fire.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Test method:	OECD 420 Acute Oral Toxicity - Fixed Dose
Species:	Rat
Route of exposure:	Oral

Test:	LD50
Result:	>7600 mg/kg
Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Test method:	OECD 403
Species:	Rabbit
Route of exposure:	Inhalation
Test:	LD50
Result:	4.1 mg/L

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Test method:	OECD 403
Species:	Rat
Route of exposure:	Inhalation
Result:	4.1 mg/L

Harmful if inhaled.

### Skin corrosion/irritation

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Test method:	OECD 404
Species:	Rabbit
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

### Serious eye damage/irritation

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Test method:	OECD 405
Species:	Rabbit
Duration:	72 hours
Result:	No adverse effect observed (Not irritating)

### Respiratory sensitisation

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

### Skin sensitisation

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

### Germ cell mutagenicity

Based on available data, the classification criteria are not met.

### Carcinogenicity

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Test method:	OECD 451
Species:	Mouse
Duration:	21 days
Conclusion:	Adverse effect observed

May cause cancer.

### Reproductive toxicity

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Test:	NOAEC
Result:	>401 ppm
Conclusion:	No adverse effect observed

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Test:	NOAEL
Result:	125 ng/kgbw/day
Conclusion:	No adverse effect observed

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Species:	Rat
Duration:	21 days
Result:	125 mg/kg bw/day
Conclusion:	No adverse effect observed

### STOT-single exposure

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
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Other information: The product releases organic solvent vapours which may cause lethargy and dizziness. At high concentrations, the vapours may cause headache and intoxication. The product does not have to be classified. Test data are not available.

## STOT-repeated exposure

Product/substance Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]  
 Species: Rat  
 Result: 500 mg/kg bw/day  
 Conclusion: Adverse effects observed towards central nervous system

Product/substance Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]  
 Route of exposure: Inhalation  
 Duration: 90 days  
 Test: NOEC  
 Result: >1710 mg/m<sup>3</sup>  
 Conclusion: Adverse effect observed

Product/substance Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]  
 Species: Rat  
 Route of exposure: Dermal  
 Duration: 28 days  
 Test: NOAEL  
 Result: 0.5 ml/kg  
 Conclusion: Adverse effect observed

May cause damage to organs through prolonged or repeated exposure.

## Aspiration hazard

Product/substance Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]  
 Other information: May cause chemical pneumonia if ingested or vomited

May be fatal if swallowed and enters airways.

## 11.2. Information on other hazards

### Long term effects

Carcinogenic effects: This product contains substances considered or proven to be carcinogenic. The carcinogenic effects may be triggered subsequent to exposure through inhalation, skin contact or ingestion.

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

### Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting

properties in relation to health.

### Other information

None known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Test:	LL50
Result:	21 mg/L

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EL50
Result:	68 mg/L

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Species:	Algae
Duration:	72 hours
Test:	IL50
Result:	22 mg/L

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEL
Result:	0.083 mg/L

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEL
Result:	0.21 mg/L

Very toxic to aquatic life with long lasting effects.

### 12.2. Persistence and degradability



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Biodegradable:	Yes

### 12.3. Bioaccumulative potential

Product/substance	Fuels, diesel;Gasoil - unspecified;[A complex combination of hydrocarbons produced by the distillation of crude oil. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C20 and boiling in the range of approximately 163 °C to 357 °C (325 °F to 675 °F).]
Potential bioaccumulation:	Yes
LogKow:	No data available.
BCF:	No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

### 12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste. (\*)

HP 3 - Flammable

HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

HP 7 - Carcinogenic

HP 14 - Ecotoxic

Dispose of contents/container to an approved waste disposal plant.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.







<i>EWC code:</i>	13 07 01*	Fuel oil and diesel
	15 02 02*	Absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.



## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN1202	DIESEL FUEL	Transport hazard class: 3 Label: 3 Classification code: F1  	III	Yes	Limited quantities: 5 L Tunnel restriction code: (D/E) See below for additional information.
IMDG	UN1202	DIESEL FUEL	Transport hazard class: 3 Label: 3 Classification code: F1  	III	Yes	Limited quantities: 5 L EmS: F-E S-E See below for additional information.
IATA	UN1202	DIESEL FUEL	Transport hazard class: 3 Label: 3 Classification code: F1  	III	Yes	See below for additional information.

\* Packing group

\*\* Environmental hazards

### Additional information

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

### 14.6. Special precautions for user

Not applicable.

## 14.7. Maritime transport in bulk according to IMO instruments

No data available.

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

*Restrictions for application:*

Restricted to professional users.  
People under the age of 18 shall not be exposed to this product.  
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

*Demands for specific education:*

No specific requirements.

*SEVESO - Categories / dangerous substances:*

P5c - FLAMMABLE LIQUIDS, Qualifying quantity (lower-tier): 5.000 tonnes / (upper-tier): 50.000 tonnes  
E1 - ENVIRONMENTAL HAZARDS, Qualifying quantity (lower-tier): 100 tonnes / (upper-tier): 200 tonnes

*Additional information:*

Not applicable.

*Sources:*

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.  
Regulation on measures to increase safety and health at work of women who are pregnant, have recently given birth or are breast-feeding (931/2000), amended with 453/2016 Regulation.  
Regulation on the prevention of major-accident hazards caused by dangerous substances 1050/2017.  
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.2. Chemical safety assessment

No

## SECTION 16: OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3

H350, May cause cancer.

H351, Suspected of causing cancer.

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

### Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP). The classification of the mixture in regard to physical hazards has been based on experimental data.

**▼ The safety data sheet is validated by**

MSV

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

Country-language: IS-en